This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

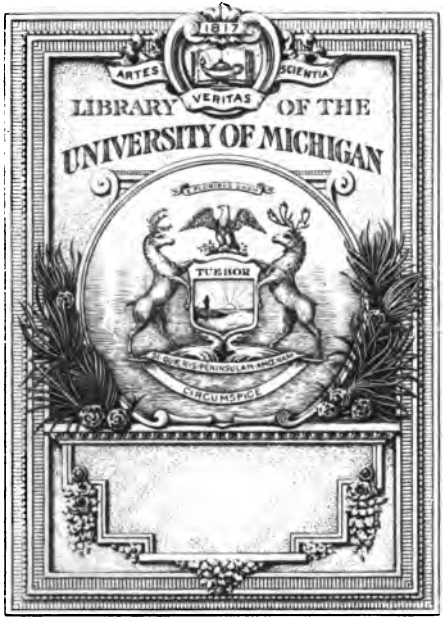
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`


1817
ARTES
SCIENTIA
VERITAS
LIBRARY OF THE
UNIVERSITY OF MICHIGAN
TUEBOR
CIRCUMSPICE

HF
5716
.L5
D71

THE

IMPROVED

POCKET RECKONER,

FOR

TIMBER, PLANK, BOARDS, SAW-LOGS,

WAGES, BOARD,

DISTANCES ON THE CANALS,

INTEREST, &C.

BY EDWARD DOYLE.

NEW YORK:
JOSEPH H JENNINGS, PRINTER, 122 NASSAU STREET.

1847.

Entered according to Act of Congress, March, 1847,
BY EDWARD DOYLE,
In the Southern District of the State of New York.

PREFACE.

THE following extract from a letter received from Jonathan Child, Esq., late Mayor of the city of Rochester has induced me to offer to the public a Second Edition of my Pocket Reckoner.

"For the last three years I have been extensively engaged in the Saw-mill business, requiring the use of a log book; not being able to find any of yours in the book stores I purchased one published by Mr. Scribner of this city; I soon found it varied from yours, and on a thorough comparison I found it to contain many errors. As the edition you published is entirely out of the market I have borrowed one for a short time, and the booksellers inform me it is very much inquired after, and that if you would get up a new

edition, a large number of them could be sold here. JONATHAN CHILD."

"The statement of Mr. Child can be relied upon, and from my own knowledge of Mr. Doyle's qualifications as an accountant I concur in his recommendation.

WM. C. BOUCK."

The accuracy of the calculations can be relied on, as they have been tested in an extensive business for several years, and will be found very convenient to persons dealing in any of those articles, or hiring men for any purpose, as they will at all times afford a correctness not readily acquired by hasty calculation.

THE AUTHOR.

Hist. of Science
Lowdermilk
2-10-43
47269

TIMBER MEASURE.

THE following Table gives the number of feet, inches and parts, contained in a stick of Timber of any dimension, from 18 to 36 feet long, and from 9 to 24 inches square.

The column on the left, from 18 to 36, is intended for the length of a piece of Timber, and the caption for the breadth and depth. Example—A stick of Timber 23 feet long, 15 inches broad, and 14 inches thick: to find its contents, refer to the column on the left for the length 23 feet; then on a line immediately under its dimension 14 by 15, you find the contents to be 33 feet, 6 inches, and 6 parts. Where the contents of a larger stick is required, than given in the Table; for instance, 45 feet, take the amount of 23 and 22 feet of the dimension required, add them together, and you have the contents of a stick 45 feet long. If the breadth or depth is not on the Table, where the length is given; for

instance, 10 × 8, take the amount of 10 × 16 of the same length; as 10 × 16 is twice 10 × 8, you have only to divide 10 × 16 by 2, and you have the quantity contained in a stick of 10 × 8. Where neither the breadth nor depth is in the Table; for instance, 7 × 8, find out the quantity in a stick of the same length, 14 × 16, divide them by 4, and you have the contents required.

The contents of a stick of round Timber, when squared, can be ascertained, with a small variation, by the same Table. Where the stick is of equal diameter, gird it in the middle with a small cord, and take 1-5 of the girt for the square of the side; where it is tapering, gird it in two or more places, and divide the sum of the girt for the mean girt, which when found, 1-5 will be the side of the square, the contents of which will be nearly the same as a stick of square Timber of the same dimensions.

Length in Feet.	TIMBER. Square of the Side in Inches.											
	9 by 9			9 by 10			9 by 11			9 by 12		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	10	1	6	11	3	0	12	4	6	13	6	0
19	10	8	3	11	10	6	13	0	9	14	3	0
20	11	3	0	12	6	0	13	9	0	15	0	0
21	11	9	9	13	1	6	14	5	3	15	9	0
22	12	4	6	13	9	0	15	1	6	16	6	0
23	12	11	3	14	4	6	15	9	9	17	3	0
24	13	6	0	15	0	0	16	6	0	18	0	0
25	14	0	9	15	7	6	17	2	3	18	9	0
26	14	7	6	16	3	0	17	10	6	19	6	0
27	15	2	3	16	10	6	18	6	9	20	3	0
28	15	9	0	17	6	0	19	3	0	21	0	0
29	16	3	9	18	1	6	19	11	3	21	9	0
30	16	10	6	18	9	0	20	7	6	22	6	0
31	17	5	3	19	4	6	21	3	9	23	3	0
32	18	0	0	20	0	0	22	0	0	24	0	0
33	18	6	9	20	7	6	22	8	3	24	9	0
34	19	1	6	21	3	0	23	4	6	25	6	0
35	19	8	3	21	10	6	24	0	9	26	3	0
36	20	3	0	22	6	0	24	9	0	27	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	9 by 13			9 by 14			9 by 15			9 by 16		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	14	7	6	15	9	0	16	10	6	18	0	0
19	15	5	3	16	7	6	17	9	9	19	0	0
20	16	3	0	17	6	0	18	9	0	20	0	0
21	17	0	9	18	4	6	19	8	3	21	0	0
22	17	10	6	19	3	0	20	7	6	22	0	0
23	18	8	3	20	1	6	21	6	9	23	0	0
24	19	6	0	21	0	0	22	6	0	24	0	0
25	20	3	9	21	10	6	23	5	3	25	0	0
26	21	1	6	22	9	0	24	4	6	26	0	0
27	21	11	3	23	7	6	25	3	9	27	0	0
28	22	9	0	24	6	0	26	3	0	28	0	0
29	23	6	9	25	4	6	27	2	3	29	0	0
30	24	4	6	26	3	0	28	1	6	30	0	0
31	25	2	3	27	1	6	29	0	9	31	0	0
32	26	0	0	28	0	0	30	0	0	32	0	0
33	26	9	9	28	10	6	30	11	3	33	0	0
34	27	7	6	29	9	0	31	10	6	34	0	0
35	28	5	3	30	7	6	32	9	9	35	0	0
36	29	3	0	31	6	0	33	9	0	36	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	9 by 17			9 by 18			9 by 19			9 by 20		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	19	1	6	20	3	0	21	4	6	22	6	0
19	20	2	3	21	4	6	22	6	9	23	9	0
20	21	3	0	22	6	0	23	9	0	25	0	0
21	22	3	9	23	7	6	24	11	3	26	3	0
22	23	4	6	24	9	0	26	1	6	27	6	0
23	24	5	3	25	10	6	27	3	9	28	9	0
24	25	6	0	27	0	0	28	6	0	30	0	0
25	26	6	9	28	1	6	29	8	3	31	3	0
26	27	7	6	29	3	0	30	10	6	32	6	0
27	28	8	3	30	4	6	32	0	9	33	9	0
28	29	9	0	31	6	0	33	3	0	35	0	0
29	30	9	9	32	7	6	34	5	3	36	3	0
30	31	10	6	33	9	0	35	7	6	37	6	0
31	32	11	3	34	10	6	36	9	9	38	9	0
32	34	0	0	36	0	0	38	0	0	40	0	0
33	35	0	9	37	1	6	39	2	3	41	3	0
34	36	1	6	38	3	0	40	4	6	42	6	0
35	37	2	3	39	4	6	41	6	9	43	9	0
36	38	3	0	40	6	0	42	9	0	45	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	9 by 21			10 by 10			10 by 11			10 by 12		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	23	7	6	12	6	0	13	9	0	15	0	0
19	24	11	3	13	2	4	14	6	2	15	10	0
20	26	3	0	13	10	8	15	3	4	16	8	0
21	27	6	9	14	7	0	16	0	6	17	6	0
22	28	10	6	15	3	4	16	9	8	18	4	0
23	30	2	3	15	11	8	17	6	10	19	2	0
24	31	6	0	16	8	0	18	4	0	20	0	0
25	32	9	9	17	4	4	19	1	2	20	10	0
26	34	1	6	18	0	8	19	10	4	21	8	0
27	35	5	3	18	9	0	20	7	6	22	6	0
28	36	9	0	19	5	4	21	4	8	23	4	0
29	38	0	9	20	1	8	22	1	10	24	2	0
30	39	4	6	20	10	0	22	11	0	25	0	0
31	40	8	3	21	6	4	23	8	2	25	10	0
32	42	0	0	22	2	8	24	5	4	26	8	0
33	43	3	9	22	11	0	25	2	6	27	6	0
34	44	7	6	23	7	4	25	11	8	28	4	0
35	45	11	3	24	3	8	26	8	10	29	2	0
36	47	3	0	25	0	0	27	6	0	30	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	10 by 21			11 by 11			11 by 12			11 by 13		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	26	3	0	15	1	6	16	6	0	17	10	6
19	27	8	6	15	11	7	17	5	0	18	10	5
20	29	2	0	16	9	8	18	4	0	19	10	4
21	30	7	6	17	7	9	19	3	0	20	10	3
22	32	1	0	18	5	10	20	2	0	21	10	2
23	33	6	6	19	3	11	21	1	0	22	10	1
24	35	0	0	20	2	0	22	0	0	23	10	0
25	36	5	6	21	0	1	22	11	0	24	9	11
26	37	11	0	21	10	2	23	10	0	25	9	10
27	39	4	6	22	8	3	24	9	0	26	9	9
28	40	10	0	23	6	4	25	8	0	27	9	8
29	42	3	6	24	4	5	26	7	0	28	9	7
30	43	9	0	25	2	6	27	6	0	29	9	6
31	45	2	6	26	0	7	28	5	0	30	9	5
32	46	8	0	26	10	8	29	4	0	31	9	4
33	48	1	6	27	8	9	30	3	0	32	9	3
34	49	7	0	28	6	10	31	2	0	33	9	2
35	51	0	6	29	4	11	32	1	0	34	9	1
36	52	6	0	30	3	0	33	0		35	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	11 by 14			11 by 15			11 by 16			11 by 17		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	19	3	0	20	7	6	22	0	0	23	4	6
19	20	3	10	21	9	3	23	2	8	24	8	1
20	21	4	8	22	11	0	24	5	4	25	11	8
21	22	5	6	24	0	9	25	8	0	27	3	3
22	23	6	4	25	2	6	26	10	8	28	6	10
23	24	7	2	26	4	3	28	1	4	29	10	5
24	25	8	0	27	6	0	29	4	0	31	2	0
25	26	8	10	28	7	9	30	6	8	32	5	7
26	27	9	8	29	9	6	31	9	4	33	9	2
27	28	10	6	30	11	3	33	0	0	35	0	9
28	29	11	4	32	1	0	34	2	8	36	4	4
29	31	0	2	33	2	9	35	5	4	37	7	11
30	32	1	0	34	4	6	36	8	0	38	11	6
31	33	1	10	35	6	3	37	10	8	40	3	1
32	34	2	8	36	8	0	39	1	4	41	6	8
33	35	3	6	37	9	9	40	4	0	42	10	3
34	36	4	4	38	11	6	41	6	8	44	1	10
35	37	5	2	40	1	3	42	9	4	45	5	5
36	38	6	0	41	3	0	44	0	0	46	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	11 by 18			11 by 19			11 by 20			11 by 21		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	24	9	0	26	1	6	27	6	0	28	10	6
19	26	1	6	27	6	11	29	0	4	30	5	9
20	27	6	0	29	0	4	30	6	8	32	1	0
21	28	10	6	30	5	9	32	1	0	33	8	3
22	30	3	0	31	11	2	33	7	4	35	3	6
23	31	7	6	33	4	7	35	1	8	36	10	9
24	33	0	0	34	10	0	36	8	0	38	6	0
25	34	4	6	36	3	5	38	2	4	40	1	3
26	35	9	0	37	8	10	39	8	8	41	8	6
27	37	1	6	39	2	3	41	3	0	43	3	9
28	38	6	0	40	7	8	42	9	4	44	11	0
29	39	10	6	42	1	1	44	3	8	46	6	3
30	41	3	0	43	6	6	45	10	0	48	1	6
31	42	7	6	44	11	11	47	4	4	49	8	9
32	44	0	0	46	5	4	48	10	8	51	4	0
33	45	4	6	47	10	9	50	5	0	52	11	3
34	46	9	0	49	4	2	51	11	4	54	6	6
35	48	1	6	50	9	7	53	5	8	56	1	9
36	49	6	0	52	3	0	55	0	0	57	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	12 by 12			12 by 13			12 by 14			12 by 15		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	18	0	0	19	6	0	21	0	0	22	6	0
19	19	0	0	20	7	0	22	2	0	23	9	0
20	20	0	0	21	8	0	23	4	0	25	0	0
21	21	0	0	22	9	0	24	6	0	26	3	0
22	22	0	0	23	10	0	25	8	0	27	6	0
23	23	0	0	24	11	0	26	10	0	28	9	0
24	24	0	0	26	0	0	28	0	0	30	0	0
25	25	0	0	27	1	0	29	2	0	31	3	0
26	26	0	0	28	2	0	30	4	0	32	6	0
27	27	0	0	29	3	0	31	6	0	33	9	0
28	28	0	0	30	4	0	32	8	0	35	0	0
29	29	0	0	31	5	0	33	10	0	36	3	0
30	30	0	0	32	6	0	35	0	0	37	6	0
31	31	0	0	33	7	0	36	2	0	38	9	0
32	32	0	0	34	8	0	37	4	0	40	0	0
33	33	0	0	35	9	0	38	6	0	41	3	0
34	34	0	0	36	10	0	39	8	0	42	6	0
35	35	0	0	37	11	0	40	10	0	43	9	0
36	36	0	0	39	0	0	42	0	0	45	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	12 by 16			12 by 17			12 by 18			12 by 19		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	24	0	0	25	6	0	27	0	0	28	6	0
19	25	4	0	26	11	0	28	6	0	30	1	0
20	26	8	0	28	4	0	30	0	0	31	8	0
21	28	0	0	29	9	0	31	6	0	33	3	0
22	29	4	0	31	2	0	33	0	0	34	10	0
23	30	8	0	32	7	0	34	6	0	36	5	0
24	32	0	0	34	0	0	36	0	0	38	0	0
25	33	4	0	35	5	0	37	6	0	39	7	0
26	34	8	0	36	10	0	39	0	0	41	2	0
27	36	0	0	38	3	0	40	6	0	42	9	0
28	37	4	0	39	8	0	42	0	0	44	4	0
29	38	8	0	41	1	0	43	6	0	45	11	0
30	40	0	0	42	6	0	45	0	0	47	6	0
31	41	4	0	43	11	0	46	6	0	49	1	0
32	42	8	0	45	4	0	48	0	0	50	8	0
33	44	0	0	46	9	0	49	6	0	52	3	0
34	45	4	0	48	2	0	51	0	0	53	10	0
35	46	8	0	49	7	0	52	6	0	55	5	0
36	48	0	0	51	0	0	54	0	0	57	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	12 by 20			12 by 21			12 by 22			12 by 23		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	30	0	0	31	6	0	33	0	0	34	6	0
19	31	8	0	33	3	0	34	10	0	36	5	0
20	33	4	0	35	0	0	36	8	0	38	4	0
21	35	0	0	36	9	0	38	6	0	40	3	0
22	36	8	0	38	6	0	40	4	0	42	2	0
23	38	4	0	40	3	0	42	2	0	44	1	0
24	40	0	0	42	0	0	44	0	0	46	0	0
25	41	8	0	43	9	0	45	10	0	47	11	0
26	43	4	0	45	6	0	47	8	0	49	10	0
27	45	0	0	47	3	0	49	6	0	51	9	0
28	46	8	0	49	0	0	51	4	0	53	8	0
29	48	4	0	50	9	0	53	2	0	55	7	0
30	50	0	0	52	6	0	55	0	0	57	6	0
31	51	8	0	54	3	0	56	10	0	59	5	0
32	53	4	0	56	0	0	58	8	0	61	4	0
33	55	0	0	57	9	0	60	6	0	63	3	0
34	56	8	0	59	6	0	62	4	0	65	2	0
35	58	4	0	61	3	0	64	2	0	67	1	0
36	60	0	0	63	0	0	66	0	0	69	0	0

Length in Feet.	TIMBER.											
	Square of the Side in Inches.											
	12 by 24			13 by 13			13 by 14			13 by 15		
	Feet.	*Inches.*	*Parts.*	*Feet.*	*Inches.*	*Parts.*	*Feet.*	*Inches.*	*Parts.*	*Feet.*	*Inches.*	*Parts.*
18	36	0	0	21	1	6	22	9	0	24	4	6
19	38	0	0	22	3	7	24	0	2	25	8	9
20	40	0	0	23	5	8	25	3	4	27	1	0
21	42	0	0	24	7	9	26	6	6	28	5	3
22	44	0	0	25	9	10	27	9	8	29	9	6
23	46	0	0	26	11	11	29	0	10	31	1	9
24	48	0	0	28	2	0	30	4	0	32	6	0
25	50	0	0	29	4	1	31	7	2	33	10	3
26	52	0	0	30	6	2	32	10	4	35	2	6
27	54	0	0	31	8	3	34	1	6	36	6	9
28	56	0	0	32	10	4	35	4	8	37	11	0
29	58	0	0	34	0	5	36	7	10	39	3	3
30	60	0	0	35	2	6	37	11	0	40	7	6
31	62	0	0	36	4	7	39	2	2	41	11	9
32	64	0	0	37	6	8	40	5	4	43	4	0
33	66	0	0	38	8	9	41	8	6	44	8	3
34	68	0	0	39	10	10	42	11	8	46	0	6
35	70	0	0	41	0	11	44	2	10	47	4	9
36	72	0	0	42	3	0	45	6	0	48	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	13 by 16			13 by 17			13 by 18			13 by 19		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	26	0	0	27	7	6	29	3	0	30	10	6
19	27	5	4	29	1	11	30	10	6	32	7	1
20	28	10	8	30	8	4	32	6	0	34	3	8
21	30	4	0	32	2	9	34	1	6	36	0	3
22	31	9	4	33	9	2	35	9	0	37	8	10
23	33	2	8	35	3	7	37	4	6	39	5	5
24	34	8	0	36	10	0	39	0	0	41	2	0
25	36	1	4	38	4	5	40	7	6	42	10	7
26	37	6	8	39	10	10	42	3	0	44	7	2
27	39	0	0	41	5	3	43	10	6	46	3	9
28	40	5	4	42	11	8	45	6	0	48	0	4
29	41	10	8	44	6	1	47	1	6	49	8	11
30	43	4	0	46	0	6	48	9	0	51	5	6
31	44	9	4	47	6	11	50	4	6	53	2	1
32	46	2	8	49	1	4	52	0	0	54	10	8
33	47	8	0	50	7	9	53	7	6	56	7	3
34	49	1	4	52	2	2	55	3	0	58	3	10
35	50	6	8	53	8	7	56	10	6	60	0	5
36	52	0	0	55	3	0	58	6	0	61	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	13 by 20			13 by 21			13 by 22			13 by 23		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	32	6	0	34	1	6	35	9	0	37	4	6
19	34	3	8	36	0	3	37	8	10	39	5	5
20	36	1	4	37	11	0	39	8	8	41	6	4
21	37	11	0	39	9	9	41	8	6	43	7	3
22	39	8	8	41	8	6	43	8	4	45	8	2
23	41	6	4	43	7	3	45	8	2	47	9	1
24	43	4	0	45	6	0	47	8	0	49	10	0
25	45	1	8	47	4	9	49	7	10	51	10	11
26	46	11	4	49	3	6	51	7	8	53	11	10
27	48	9	0	51	2	3	53	7	6	56	0	9
28	50	6	8	53	1	0	55	7	4	58	1	8
29	52	4	4	54	11	9	57	7	2	60	2	7
30	54	2	0	56	10	6	59	7	0	62	3	6
31	55	11	8	58	9	3	61	6	10	64	4	5
32	57	9	4	60	8	0	63	6	8	66	5	4
33	59	7	0	62	6	9	65	6	6	68	6	3
34	61	4	8	64	5	6	67	6	4	70	7	2
35	63	2	4	66	4	3	69	6	2	72	8	1
36	65	0	0	68	3	0	71	6	0	74	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	13 by 24			14 by 14			14 by 15			14 by 16		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	39	0	0	24	6	0	26	3	0	28	0	0
19	41	2	0	25	10	4	27	8	6	29	6	8
20	43	4	0	27	2	8	29	2	0	31	1	4
21	45	6	0	28	7	0	30	7	6	32	8	0
22	47	8	0	29	11	4	32	1	0	34	2	8
23	49	10	0	31	3	8	33	6	6	35	9	4
24	52	0	0	32	8	0	35	0	0	37	4	0
25	54	2	0	34	0	4	36	5	6	38	10	8
26	56	4	0	35	4	8	37	11	0	40	5	4
27	58	6	0	36	9	0	39	4	6	42	0	0
28	60	8	0	38	1	4	40	10	0	43	6	8
29	62	10	0	39	5	8	42	3	6	45	1	4
30	65	0	0	40	10	0	43	9	0	46	8	0
31	67	2	0	42	2	4	45	2	6	48	2	8
32	69	4	0	43	6	8	46	8	0	49	9	4
33	71	6	0	44	11	0	48	1	6	51	4	0
34	73	8	0	46	3	4	49	7	0	52	10	8
35	75	10	0	47	7	8	51	0	6	54	5	4
36	78	0	0	49	0	0	52	6	0	56	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	14 by 17			14 by 18			14 by 19			14 by 20		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	29	9	0	31	6	0	33	3	0	35	0	0
19	31	4	10	33	3	0	35	1	2	36	11	4
20	33	0	8	35	0	0	36	11	4	38	10	8
21	34	8	6	36	9	0	38	9	6	40	10	0
22	36	4	4	38	6	0	40	7	8	42	9	4
23	38	0	2	40	3	0	42	5	10	44	8	8
24	39	8	0	42	0	0	44	4	0	46	8	0
25	41	3	10	43	9	0	46	2	2	48	7	4
26	42	11	8	45	6	0	48	0	4	50	6	8
27	44	7	6	47	3	0	49	10	6	52	6	0
28	46	3	4	49	0	0	51	8	8	54	5	4
29	47	11	2	50	9	0	53	6	10	56	4	8
30	49	7	0	52	6	0	55	5	0	58	4	0
31	51	2	10	54	3	0	57	3	2	60	3	4
32	52	10	8	56	0	0	59	1	4	62	2	8
33	54	6	6	57	9	0	60	11	6	64	2	0
34	56	2	4	59	6	0	62	9	8	66	1	4
35	57	10	2	61	3	0	64	7	10	68	0	8
36	59	6	0	63	0	0	66	6	0	70	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	14 by 21			14 by 22			14 by 23			14 by 24		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	36	9	0	38	6	0	40	3	0	42	0	0
19	38	9	6	40	7	8	42	5	10	44	4	0
20	40	10	0	42	9	4	44	8	8	46	8	0
21	42	10	6	44	11	0	46	11	6	49	0	0
22	44	11	0	47	0	8	49	2	4	51	4	0
23	46	11	6	49	2	4	51	5	2	53	8	0
24	49	0	0	51	4	0	53	8	0	56	0	0
25	51	0	6	53	5	8	55	10	10	58	4	0
26	53	1	0	55	7	4	58	1	8	60	8	0
27	55	1	6	57	9	0	60	4	6	63	0	0
28	57	2	0	59	10	8	62	7	4	65	4	0
29	59	2	6	62	0	4	64	10	2	67	8	0
30	61	3	0	64	2	0	67	1	0	70	0	0
31	63	3	6	66	3	8	69	3	10	72	4	0
32	65	4	0	68	5	4	71	6	8	74	8	0
33	67	4	6	70	7	0	73	9	6	77	0	0
34	69	5	0	72	8	8	76	0	4	79	4	0
35	71	5	6	74	10	4	78	3	2	81	8	0
36	73	6	0	77	0	0	80	6	0	84	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	15 by 15			15 by 16			15 by 17			15 by 18		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	28	1	6	30	0	0	31	10	6	33	9	0
19	29	8	3	31	8	0	33	7	9	35	7	6
20	31	3	0	33	4	0	35	5	0	37	6	0
21	32	9	9	35	0	0	37	2	3	39	4	6
22	34	4	6	36	8	0	38	11	6	41	3	0
23	35	11	3	38	4	0	40	8	9	43	1	6
24	37	6	0	40	0	0	42	6	0	45	0	0
25	39	0	9	41	8	0	44	3	3	46	10	6
26	40	7	6	43	4	0	46	0	6	48	9	0
27	42	2	3	45	0	0	47	9	9	50	7	6
28	43	9	0	46	8	0	49	7	0	52	6	0
29	45	3	9	48	4	0	51	4	3	54	4	6
30	46	10	6	50	0	0	53	1	6	56	3	0
31	48	5	3	51	8	0	54	10	9	58	1	6
32	50	0	0	53	4	0	56	8	0	60	0	0
33	51	6	9	55	0	0	58	5	3	61	10	6
34	53	1	6	56	8	0	60	2	6	63	9	0
35	54	8	3	58	4	0	61	11	9	65	7	6
36	56	3	0	60	0	0	63	9	0	67	6	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	15 by 19			15 by 20			15 by 21			15 by 22		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	35	7	6	37	6	0	39	4	6	41	3	0
19	37	7	3	39	7	0	41	6	9	43	6	6
20	39	7	0	41	8	0	43	9	0	45	10	0
21	41	6	9	43	9	0	45	11	3	48	1	6
22	43	6	6	45	10	0	48	1	6	50	5	0
23	45	6	3	47	11	0	50	3	9	52	8	6
24	47	6	0	50	0	0	52	6	0	55	0	0
25	49	5	9	52	1	0	54	8	3	57	3	6
26	51	5	6	54	2	0	56	10	6	59	7	0
27	53	5	3	56	3	0	59	0	9	61	10	6
28	55	5	0	58	4	0	61	3	0	64	2	0
29	57	4	9	60	5	0	63	5	3	66	5	6
30	59	4	6	62	6	0	65	7	6	68	9	0
31	61	4	3	64	7	0	67	9	9	71	0	6
32	63	4	0	66	8	0	70	0	0	73	4	0
33	65	3	9	68	9	0	72	2	3	75	7	6
34	67	3	6	70	10	0	74	4	6	77	11	0
35	69	3	3	72	11	0	76	6	9	80	2	6
36	71	3	0	75	0	0	78	9	0	82	6	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	15 by 23			15 by 24			16 by 16			16 by 17		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	43	1	6	45	0	0	32	0	0	34	0	0
19	45	6	3	47	6	0	33	9	4	35	10	8
20	47	11	0	50	0	0	35	6	8	37	9	4
21	50	3	9	52	6	0	37	4	0	39	8	0
22	52	8	6	55	0	0	39	1	4	41	6	8
23	55	1	3	57	6	0	40	10	8	43	5	4
24	57	6	0	60	0	0	42	8	0	45	4	0
25	59	10	9	62	6	0	44	5	4	47	2	8
26	62	3	6	65	0	0	46	2	8	49	1	4
27	64	8	3	67	6	0	48	0	0	51	0	0
28	67	1	0	70	0	0	49	9	4	52	10	8
29	69	5	9	72	6	0	51	6	8	54	9	4
30	71	10	6	75	0	0	53	4	0	56	8	0
31	74	3	3	77	6	0	55	1	4	58	6	8
32	76	8	0	80	0	0	56	10	8	60	5	4
33	79	0	9	82	6	0	58	8	0	62	4	0
34	81	5	6	85	0	0	60	5	4	64	2	8
35	83	10	3	87	6	0	62	2	8	66	1	4
36	86	3	0	90	0	0	64	0	0	68	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	16 by 18			16 by 19			16 by 20			16 by 21		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	36	0	0	38	0	0	40	0	0	42	0	0
19	38	0	0	40	1	4	42	2	8	44	4	0
20	40	0	0	42	2	8	44	5	4	46	8	0
21	42	0	0	44	4	0	46	8	0	49	0	0
22	44	0	0	46	5	4	48	10	8	51	4	0
23	46	0	0	48	6	8	51	1	4	53	8	0
24	48	0	0	50	8	0	53	4	0	56	0	0
25	50	0	0	52	9	4	55	6	8	58	4	0
26	52	0	0	54	10	8	57	9	4	60	8	0
27	54	0	0	57	0	0	60	0	0	63	0	0
28	56	0	0	59	1	4	62	2	8	65	4	0
29	58	0	0	61	2	8	64	5	4	67	8	0
30	60	0	0	63	4	0	66	8	0	70	0	0
31	62	0	0	65	5	4	68	10	8	72	4	0
32	64	0	0	67	6	8	71	1	4	74	8	0
33	66	0	0	69	8	0	73	4	0	77	0	0
34	68	0	0	71	9	4	75	6	8	79	4	0
35	70	0	0	73	10	8	77	9	4	81	8	0
36	72	0	0	76	0	0	80	0	0	84	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	16 by 22			16 by 23			16 by 24			17 by 17		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	44	0	0	46	0	0	48	0	0	36	1	6
19	46	5	4	48	6	8	50	8	0	38	1	7
20	48	10	8	51	1	4	53	4	0	40	1	8
21	51	4	0	53	8	0	56	0	0	42	1	9
22	53	9	4	56	2	8	58	8	0	44	1	10
23	56	2	8	58	9	4	61	4	0	46	1	11
24	58	8	0	61	4	0	64	0	0	48	2	0
25	61	1	4	63	10	8	66	8	0	50	2	1
26	63	6	8	66	5	4	69	4	0	52	2	2
27	66	0	0	69	0	0	72	0	0	54	2	3
28	68	5	4	71	6	8	74	8	0	56	2	4
29	70	10	8	74	1	4	77	4	0	58	2	5
30	73	4	0	76	8	0	80	0	0	60	2	6
31	75	9	4	79	2	8	82	8	0	62	2	7
32	78	2	8	81	9	4	85	4	0	64	2	8
33	80	8	0	84	4	0	88	0	0	66	2	9
34	83	1	4	86	10	8	90	8	0	68	2	10
35	85	6	8	89	5	4	93	4	0	70	2	11
36	88	0	0	92	0	0	96	0	0	72	3	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	17 by 18			17 by 19			17 by 20			17 by 21		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	38	3	0	40	4	6	42	6	0	44	7	6
19	40	4	6	42	7	5	44	10	4	47	1	3
20	42	6	0	44	10	4	47	2	8	49	7	0
21	44	7	6	47	1	3	49	7	0	52	0	9
22	46	9	0	49	4	2	51	11	4	54	6	6
23	48	10	6	51	7	1	54	3	8	57	0	3
24	51	0	0	53	10	0	56	8	0	59	6	0
25	53	1	6	56	0	11	59	0	4	61	11	9
26	55	3	0	58	3	10	61	4	8	64	5	6
27	57	4	6	60	6	9	63	9	0	66	11	3
28	59	6	0	62	9	8	66	1	4	69	5	0
29	61	7	6	65	0	7	68	5	8	71	10	9
30	63	9	0	67	3	6	70	10	0	74	4	6
31	65	10	6	69	6	5	73	2	4	76	10	3
32	68	0	0	71	9	4	75	6	8	79	4	0
33	70	1	6	74	0	3	77	11	0	81	9	9
34	72	3	0	76	3	2	80	3	4	84	3	6
35	74	4	6	78	6	1	82	7	8	86	9	3
36	76	6	0	80	9	0	85	0	0	89	3	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	17 by 22			17 by 23			17 by 24			18 by 18		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	46	9	0	48	10	6	51	0	0	40	6	0
19	49	4	2	51	7	1	53	10	0	42	9	0
20	51	11	4	54	3	8	56	8	0	45	0	0
21	54	6	6	57	0	3	59	6	0	47	3	0
22	57	1	8	59	8	10	62	4	0	49	6	0
23	59	8	10	62	5	5	65	2	0	51	9	0
24	62	4	0	65	2	0	68	0	0	54	0	0
25	64	11	2	67	10	7	70	10	0	56	3	0
26	67	6	4	70	7	2	73	8	0	58	6	0
27	70	1	6	73	3	9	76	6	0	60	9	0
28	72	8	8	76	0	4	79	4	0	63	0	0
29	75	3	10	78	8	11	82	2	0	65	3	0
30	77	11	0	81	5	6	85	0	0	67	6	0
31	80	6	2	84	2	1	87	10	0	69	9	0
32	83	1	4	86	10	8	90	8	0	72	0	0
33	85	8	6	89	7	3	93	6	0	74	3	0
34	88	3	8	92	3	10	96	4	0	76	6	0
35	90	10	10	95	0	5	99	2	0	78	9	0
36	93	6	0	97	9	0	102	0	0	81	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	18 by 19			18 by 20			18 by 21			18 by 22		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	42	9	0	45	0	0	47	3	0	49	6	0
19	45	1	6	47	6	0	49	10	6	52	3	0
20	47	6	0	50	0	0	52	6	0	55	0	0
21	49	10	6	52	6	0	55	1	6	57	9	0
22	52	3	0	55	0	0	57	9	0	60	6	0
23	54	7	6	57	6	0	60	4	6	63	3	0
24	57	0	0	60	0	0	63	0	0	66	0	0
25	59	4	6	62	6	0	65	7	6	68	9	0
26	61	9	0	65	0	0	68	3	0	71	6	0
27	64	1	6	67	6	0	70	10	6	74	3	0
28	66	6	0	70	0	0	73	6	0	77	0	0
29	68	10	6	72	6	0	76	1	6	79	9	0
30	71	3	0	75	0	0	78	9	0	82	6	0
31	73	7	6	77	6	0	81	4	6	85	3	0
32	76	0	0	80	0	0	84	0	0	88	0	0
33	78	4	6	82	6	0	86	7	6	90	9	0
34	80	9	0	85	0	0	89	3	0	93	6	0
35	83	1	6	87	6	0	91	10	6	96	3	0
36	85	6	0	90	0	0	94	6	0	99	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	18 by 23			18 by 24			19 by 19			19 by 20		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	51	9	0	54	0	0	45	1	6	47	6	0
19	54	7	6	57	0	0	47	7	7	50	1	8
20	57	6	0	60	0	0	50	1	8	52	9	4
21	60	4	6	63	0	0	52	7	9	55	5	0
22	63	3	0	66	0	0	55	1	10	58	0	8
23	66	1	6	69	0	0	57	7	11	60	8	4
24	69	0	0	72	0	0	60	2	0	63	4	0
25	71	10	6	75	0	0	62	8	1	65	11	8
26	74	9	0	78	0	0	65	2	2	68	7	4
27	77	7	6	81	0	0	67	8	3	71	3	0
28	80	6	0	84	0	0	70	2	4	73	10	8
29	83	4	6	87	0	0	72	8	5	76	6	4
30	86	3	0	90	0	0	75	2	6	79	2	0
31	89	1	6	93	0	0	77	8	7	81	9	8
32	92	0	0	96	0	0	80	2	8	84	5	4
33	94	10	6	99	0	0	82	8	9	87	1	0
34	97	9	0	102	0	0	85	2	10	89	8	8
35	100	7	6	105	0	0	87	8	11	92	4	4
36	103	6	0	108	0	0	90	3	0	95	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	19 by 21			19 by 22			19 by 23			19 by 24		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	49	10	6	52	3	0	54	7	6	57	0	0
19	52	7	9	55	1	10	57	7	11	60	2	0
20	55	5	0	58	0	8	60	8	4	63	4	0
21	58	2	3	60	11	6	63	8	9	66	6	0
22	60	11	6	63	10	4	66	9	2	69	8	0
23	63	8	9	66	9	2	69	9	7	72	10	0
24	66	6	0	69	8	0	72	10	0	76	0	0
25	69	3	3	72	6	10	75	10	5	79	2	0
26	72	0	6	75	5	8	78	10	10	82	4	0
27	74	9	9	78	4	6	81	11	3	85	6	0
28	77	7	0	81	3	4	84	11	8	88	8	0
29	80	4	3	84	2	2	88	0	1	91	10	0
30	83	1	6	87	1	0	91	0	6	95	0	0
31	85	10	9	89	11	10	94	0	11	98	2	0
32	88	8	0	92	10	8	97	1	4	101	4	0
33	91	5	3	95	9	6	100	1	9	104	6	0
34	94	2	6	98	8	4	103	2	2	107	8	0
35	96	11	9	101	7	2	106	2	7	110	10	0
36	99	9	0	104	6	0	109	3	0	114	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	20 by 20			20 by 21			20 by 22			20 by 23		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	50	0	0	52	6	0	55	0	0	57	6	0
19	52	9	4	55	5	0	58	0	8	60	8	4
20	55	6	8	58	4	0	61	1	4	63	10	8
21	58	4	0	61	3	0	64	2	0	67	1	0
22	61	1	4	64	2	0	67	2	8	70	3	4
23	63	10	8	67	1	0	70	3	4	73	5	8
24	66	8	0	70	0	0	73	4	0	76	8	0
25	69	5	4	72	11	0	76	4	8	79	10	4
26	72	2	8	75	10	0	79	5	4	83	0	8
27	75	0	0	78	9	0	82	6	0	86	3	0
28	77	9	4	81	8	0	85	6	8	89	5	4
29	80	6	8	84	7	0	88	7	4	92	7	8
30	83	4	0	87	6	0	91	8	0	95	10	0
31	86	1	4	90	5	0	94	8	8	99	0	4
32	88	10	8	93	4	0	97	9	4	102	2	8
33	91	8	0	96	3	0	100	10	0	105	5	0
34	94	5	4	99	2	0	103	10	8	108	7	4
35	97	2	8	102	1	0	106	11	4	111	9	8
36	100	0	0	105	0	0	110	0	0	115	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	20 by 24			21 by 21			21 by 22			21 by 23		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	60	0	0	55	1	6	57	9	0	60	4	6
19	63	4	0	58	2	3	60	11	6	63	8	9
20	66	8	0	61	3	0	64	2	0	67	1	0
21	70	0	0	64	3	9	67	4	6	70	5	3
22	73	4	0	67	4	6	70	7	0	73	9	6
23	76	8	0	70	5	3	73	9	6	77	1	9
24	80	0	0	73	6	0	77	0	0	80	6	0
25	83	4	0	76	6	9	80	2	6	83	10	3
26	86	8	0	79	7	6	83	5	0	87	2	6
27	90	0	0	82	8	3	86	7	6	90	6	9
28	93	4	0	85	9	0	89	10	0	93	11	0
29	96	8	0	88	9	9	93	0	6	97	3	3
30	100	0	0	91	10	6	96	3	0	100	7	6
31	103	4	0	94	11	3	99	5	6	103	11	9
32	106	8	0	98	0	0	102	8	0	107	4	0
33	110	0	0	101	0	9	105	10	6	110	8	3
34	113	4	0	104	1	6	109	1	0	114	0	6
35	116	8	0	107	2	3	112	3	6	117	4	9
36	120	0	0	110	3	0	115	6	0	120	9	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	21 by 24			22 by 22			22 by 23			22 by 24		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	63	0	0	60	6	0	63	3	0	66	0	0
19	66	6	0	63	10	4	66	9	2	69	8	0
20	70	0	0	67	2	8	70	3	4	73	4	0
21	73	6	0	70	7	0	73	9	6	77	0	0
22	77	0	0	73	11	4	77	3	8	80	8	0
23	80	6	0	77	3	8	80	9	10	84	4	0
24	84	0	0	80	8	0	84	4	0	88	0	0
25	87	6	0	84	0	4	87	10	2	91	8	0
26	91	0	0	87	4	8	91	4	4	95	4	0
27	94	6	0	90	9	0	94	10	6	99	0	0
28	98	0	0	94	1	4	98	4	8	102	8	0
29	101	6	0	97	5	8	101	10	10	106	4	0
30	105	0	0	100	10	0	105	5	0	110	0	0
31	108	6	0	104	2	4	108	11	2	113	8	0
32	112	0	0	107	6	8	112	5	4	117	4	0
33	115	6	0	110	11	0	115	11	6	121	0	0
34	119	0	0	114	3	4	119	5	8	124	8	0
35	122	6	0	117	7	8	122	11	10	128	4	0
36	126	0	0	121	0	0	126	6	0	132	0	0

Length in Feet.	TIMBER. Square of the Side in Inches.											
	23 by 23			23 by 24			24 by 24			24 by 25		
	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.	Feet.	Inches.	Parts.
18	66	1	6	69	0	0	72	0	0	75	0	0
19	69	9	7	72	10	0	76	0	0	79	2	0
20	73	5	8	76	8	0	80	0	0	83	4	0
21	77	1	9	80	6	0	84	0	0	87	6	0
22	80	9	10	84	4	0	88	0	0	91	8	0
23	84	5	11	88	2	0	92	0	0	95	10	0
24	88	2	0	92	0	0	96	0	0	100	0	0
25	91	10	1	95	10	0	100	0	0	104	2	0
26	95	6	2	99	8	0	104	0	0	108	4	0
27	99	2	3	103	6	0	108	0	0	112	6	0
28	102	10	4	107	4	0	112	0	0	116	8	0
29	106	6	5	111	2	0	116	0	0	120	10	0
30	110	2	6	115	0	0	120	0	0	125	0	0
31	113	10	7	118	10	0	124	0	0	129	2	0
32	117	6	8	122	8	0	128	0	0	133	4	0
33	121	2	9	126	6	0	132	0	0	137	6	0
34	124	10	10	130	4	0	136	0	0	141	8	0
35	128	6	11	134	2	0	140	0	0	145	10	0
36	132	3	0	138	0	0	144	0	0	150	0	0

SAW-LOGS

REDUCED TO

BOARD MEASURE.

SAW-LOGS REDUCED TO BOARD MEASURE.

The following Table gives the quantity of Boards produced from a Saw-Log of different dimensions. Example—I sell to a miller a Log 15 feet long, and 18 inches diameter at the small end, at a given price per thousand feet, board measure: to find the quantity of boards produced from a Log of that size, refer to the column on the left, and find the length 15 feet; and under the diameter 18 inches, you find the quantity to be 184 feet; fractions omitted.

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	Inches in diameter at small end.								
	12	13	14	15	16	17	18	19	20
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
10	40	50	62	75	90	105	122	140	160
11	44	55	69	83	99	116	135	154	176
12	48	61	75	91	108	126	147	168	192
13	52	66	81	98	117	137	159	183	208
14	56	71	88	106	126	148	171	197	224
15	60	76	94	115	135	158	184	201	240
16	64	81	100	121	144	169	196	225	256
17	68	86	106	128	153	179	208	239	272
18	72	91	112	136	162	190	220	253	288
19	76	96	119	143	171	201	232	267	304
20	80	101	125	151	180	211	244	281	320
21	84	106	131	158	189	222	257	295	336
22	88	111	137	166	198	232	269	309	352
23	92	116	144	174	207	243	281	323	368
24	96	122	150	181	216	254	294	337	384
25	100	127	156	189	225	264	308	351	400

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	*Inches in diameter at small end.*						
	21	22	23	24	25	26	27
	Feet.	*Feet.*	*Feet.*	*Feet.*	*Feet.*	*Feet.*	*Feet.*
10	180	202	225	250	275	302	330
11	198	223	248	275	302	333	363
12	217	243	271	300	331	363	397
13	235	263	293	325	358	393	430
14	253	283	313	350	386	423	463
15	271	303	336	375	413	453	496
16	289	324	359	400	441	484	530
17	307	344	383	425	468	514	563
18	325	364	406	450	496	544	596
19	343	384	429	475	523	574	630
20	361	404	452	500	551	605	661
21	379	425	473	525	579	635	693
22	397	445	496	550	605	665	726
23	415	465	519	575	632	695	760
24	433	486	541	600	661	726	794
25	451	506	562	625	689	756	827

SAW-LOGS REDUCED TO BOARD MEASURE.

Length of the log in feet.	Inches in diameter at small end.								
	28	29	30	31	32	33	34	35	36
	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.	Feet.
10	360	390	422	456	490	525	562	601	640
11	396	430	465	502	539	578	619	661	704
12	432	469	507	547	588	631	675	721	768
13	468	508	549	592	637	684	731	781	832
14	504	547	591	638	686	736	787	841	896
15	540	586	633	683	735	789	844	901	960
16	576	625	676	729	784	842	900	961	1024
17	612	664	718	774	833	895	956	1021	1088
18	648	703	761	820	882	946	1012	1081	1152
19	684	742	803	865	931	999	1069	1141	1216
20	720	781	845	912	980	1051	1125	1201	1280
21	756	820	887	956	1029	1103	1181	1261	1344
22	792	859	930	1004	1078	1156	1238	1321	1408
23	828	898	972	1049	1127	1209	1295	1381	1472
24	864	938	1014	1094	1176	1262	1352	1441	1536
25	900	977	1056	1139	1225	1315	1408	1501	1600

BOARDS AND PLANKS.

The following Table gives the number of square feet and inches contained in a Board one inch thick, from 10 to 20 feet long, and from 6 to 24 inches broad; and from 21 to 55 feet long, and from 12 to 20 inches broad. The column on the left, is the length, and the caption the breadth in inches; under which, and opposite to the length of a board, you have its contents in feet and inches. Example—Require the contents of a Board 35 feet long and 20 inches broad; by reference, you will find it to be 58 feet, 4 inches.

In measuring Boards, it is not customary to add the extra inches in length; but where ship or other long and thick plank is measured, it makes an essential difference, which, however, in some measure may be remedied, by omitting all under 6 inches over the foot, and calling all over equal to a foot—in a large quantity, the difference will be trifling.

BOARDS AND PLANK.

Length in Feet.	Inches Wide.																			
	6		7		8		9		10		11		12		13		14		16	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
10	5	0	5	10	6	8	7	6	8	4	9	2	10	0	10	10	11	8	12	6
11	5	6	6	5	7	4	8	3	9	2	10	1	11	0	11	11	12	10	13	9
12	6	0	7	0	8	0	9	0	10	0	11	0	12	0	13	0	14	0	15	0
13	6	6	7	7	8	8	9	9	10	10	11	11	13	0	14	1	15	2	16	3
14	7	0	8	2	9	4	10	6	11	8	12	10	14	0	15	2	16	4	17	6
15	7	6	8	9	10	0	11	3	12	6	13	9	15	0	16	3	17	6	18	9
16	8	0	9	4	10	8	12	0	13	4	14	8	16	0	17	4	18	8	20	0
17	8	6	9	11	11	4	12	9	14	2	15	7	17	0	18	5	19	10	21	3
18	9	0	10	6	12	0	13	6	15	0	16	6	18	0	19	6	21	0	22	6
19	9	6	11	1	12	8	14	3	15	10	17	5	19	0	20	7	22	2	23	9
20	10	0	11	8	13	4	15	0	16	8	18	4	20	0	21	8	23	4	25	0

BOARDS AND PLANK.

Length in Feet.	Inches Wide.																	
	16		17		18		19		20		21		22		23		24	
	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
10	13	4	14	2	15	0	15	10	16	8	17	6	18	4	19	2	20	0
11	14	8	15	7	16	6	17	5	18	4	19	3	20	2	21	1	22	0
12	16	0	17	0	18	0	19	0	20	0	21	0	22	0	23	0	24	0
13	17	4	18	5	19	6	20	7	21	8	22	9	23	10	24	11	26	0
14	18	8	19	10	21	0	22	2	23	4	24	6	25	8	26	10	28	0
15	20	0	21	3	22	6	23	9	25	0	26	3	27	6	28	9	30	0
16	21	4	22	8	24	0	25	4	26	8	28	0	29	4	30	8	32	0
17	22	8	24	1	25	6	26	11	28	4	29	9	31	2	32	7	34	0
18	24	0	25	6	27	0	28	6	30	0	31	6	33	0	34	6	36	0
19	25	4	26	11	28	6	30	1	31	8	33	3	34	10	36	5	38	0
20	26	8	28	4	30	0	31	8	33	4	35	0	36	8	38	4	40	0

BOARDS AND PLANK.

Len. in Feet.	Inches Wide.																			
	12		13		14		15		16		17		18		19		20			
	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.	Feet.	In's.		
21	21	0	22	9	24	6	26	3	28	0	29	9	31	6	33	3	35	0		
22	22	0	23	10	25	8	27	6	29	4	31	2	33	0	34	10	36	8		
23	23	0	24	11	26	10	28	9	30	8	32	7	34	6	36	5	38	4		
24	24	0	26	0	28	0	30	0	32	0	34	0	36	0	38	0	40	0		
25	25	0	27	1	29	2	31	3	33	4	35	5	37	6	39	7	41	8		
26	26	0	28	2	30	4	32	6	34	8	36	10	39	0	41	2	43	4		
27	27	0	29	3	31	6	33	9	36	0	38	3	40	6	42	9	45	0		
28	28	0	30	4	32	8	35	0	37	4	39	8	42	0	44	4	46	8		
29	29	0	31	5	33	10	36	3	38	8	41	1	43	6	45	11	48	4		
30	30	0	32	6	35	0	37	6	40	0	42	6	45	0	47	6	50	0		
31	31	0	33	7	36	2	38	9	41	4	43	11	46	6	49	1	51	8		
32	32	0	34	8	37	4	40	0	42	8	45	5	48	0	50	8	53	4		
33	33	0	35	9	38	6	41	3	44	0	46	9	49	6	52	3	55	0		
34	34	0	36	10	39	8	42	6	45	4	48	2	51	0	53	10	56	8		
35	35	0	37	11	40	10	43	9	46	8	49	7	52	6	55	5	58	4		
36	36	0	39	0	42	0	45	0	48	0	51	0	54	0	57	0	60	0		
37	37	0	40	1	43	2	46	3	49	4	52	5	56	6	58	7	61	8		

BOARDS AND PLANK.

Len. in Ft.	Inches Wide.																	
	12		13		14		15		16		17		18		19		20	
	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.	Ft.	In.
38	38	0	41	2	44	4	47	6	50	8	53	10	57	0	60	2	63	4
39	39	0	42	3	45	6	48	9	52	0	55	3	58	6	61	9	65	0
40	40	0	43	4	46	8	50	0	53	4	56	8	60	0	63	4	66	8
41	41	0	44	5	47	10	51	3	54	8	58	1	61	6	64	11	68	4
42	42	0	45	6	49	0	52	6	56	0	59	6	63	0	66	6	70	0
43	43	0	46	7	50	2	53	9	57	4	60	11	64	6	68	1	71	8
44	44	0	47	8	51	4	55	0	58	8	62	4	66	0	69	8	73	4
45	45	0	48	9	52	6	56	3	59	0	63	9	67	6	71	3	75	0
46	46	0	49	10	53	8	57	6	61	4	65	2	69	0	72	10	76	8
47	47	0	50	11	54	10	58	9	62	8	66	7	70	6	74	5	78	4
48	48	0	52	0	56	0	60	0	64	0	68	0	72	0	76	0	80	0
49	49	0	53	1	57	2	61	3	65	4	69	5	73	6	77	7	81	8
50	50	0	54	2	58	4	62	6	66	8	70	10	75	0	79	2	83	4
51	51	0	55	3	59	6	63	9	68	0	72	3	76	6	80	9	85	0
52	52	0	56	4	60	8	65	0	69	4	73	8	78	0	82	4	86	8
53	53	0	57	5	61	10	66	3	70	8	75	1	79	6	83	11	88	4
54	54	0	58	6	63	0	67	6	72	0	76	6	81	0	85	6	90	0
55	55	0	59	7	64	2	68	9	73	4	77	11	82	6	87	1	91	8

TABLE

OF

WAGES AND BOARD.

TABLE OF WAGES AND BOARD.

The column on the left shows the number of days; the caption the rate per month. To find the amount of 16 days works, $10 per month, you trace the number of days to 16; follow the line until it is under $10, the rate per month, and you find $6,16, omitting the lesser fractions. That for Board in the same way. The wages are cast at 26 working days to the month, and the week's board at 6 days.

TABLE OF WAGES AT GIVEN RATES PER MONTH.

Part & Days.	*Rate per month of 26 days.*							
	$8	$9	$10	$11	$12	$13	$14	$15
¼	0 8	0 9	0 10	0 11	0 12	0 13	0 14	0 14
½	0 15	0 17	0 19	0 21	0 23	0 25	0 27	0 29
¾	0 23	0 26	0 29	0 32	0 35	0 38	0 40	0 43
1	0 31	0 35	0 38	0 42	0 46	0 50	0 54	0 58
2	0 62	0 69	0 77	0 85	0 92	1 0	1 8	1 15
3	0 92	1 4	1 15	1 27	1 38	1 50	1 62	1 73
4	1 23	1 38	1 54	1 69	1 85	2 0	2 15	2 31
5	1 54	1 73	1 92	2 12	2 31	2 50	2 69	2 88
6	1 85	2 8	2 31	2 54	2 77	3 0	3 23	3 46
7	2 15	2 42	2 69	2 96	3 23	3 50	3 77	4 4
8	2 46	2 77	3 8	3 38	3 69	4 0	4 31	4 62
9	2 77	3 12	3 46	3 81	4 15	4 50	4 85	5 19
10	3 8	3 46	3 85	4 23	4 62	5 0	5 38	5 77
11	3 38	3 81	4 23	4 65	5 8	5 50	5 92	6 35

TABLE OF WAGES AT GIVEN RATES PER MONTH.

No. of Days.	*Rate per month of 26 days.*							
	$8	$9	$10	$11	$12	$13	$14	$15
12	3 69	4 15	4 62	5 8	5 54	6 0	6 46	6 92
13	4 0	4 50	5 0	5 50	6 0	6 50	7 0	7 50
14	4 31	4 85	5 38	5 92	6 46	7 0	7 54	8 48
15	4 62	5 19	5 77	6 35	6 92	7 50	8 8	8 65
16	4 92	5 54	6 16	6 77	7 38	8 0	8 62	9 23
17	5 23	5 88	6 54	7 19	7 85	8 50	9 15	9 81
18	5 54	6 23	6 92	7 62	8 31	9 0	9 69	10 38
19	5 85	6 58	7 31	8 4	8 77	9 50	10 23	10 96
20	6 15	6 92	7 69	8 46	9 23	10 0	10 77	11 54
21	6 46	7 27	8 8	8 88	9 69	10 50	11 31	12 12
22	6 77	7 62	8 46	9 31	10 15	11 0	11 85	12 69
23	7 8	7 96	8 85	9 73	10 62	11 50	12 38	13 27
24	7 38	8 31	9 23	10 15	11 8	12 0	12 92	13 85
25	7 69	8 65	9 62	10 58	11 54	12 50	13 46	14 42
26	8 0	9 0	10 0	11 0	12 0	13 0	14 0	15 0

TABLE OF WAGES AND BOARD PER MONTH AND WEEK.

Part & Days.	*Rate per month of 26 days.*						*Board per week, 6 days.*	
	$16	$17	$18	$19	$20	$21	10s.	11s.
¼	0 15	0 16	0 17	0 18	0 19	0 20	0 5	0 6
½	0 31	0 32	0 34	0 36	0 38	0 40	0 10	0 11
¾	0 46	0 49	0 51	0 55	0 58	0 61	0 16	0 17
1	0 62	0 66	0 69	0 73	0 77	0 81	0 21	0 23
2	1 23	1 31	1 38	1 46	1 54	1 62	0 42	0 46
3	1 85	1 96	2 8	2 19	2 31	2 42	0 63	0 69
4	2 46	2 62	2 77	2 92	3 8	3 23	0 83	0 92
5	3 8	3 27	3 46	3 65	3 85	4 4	1 4	1 15
6	3 69	3 92	4 15	4 38	4 62	4 85	1 25	1 38
7	4 31	4 58	4 85	5 12	5 38	5 65	1 46	1 60
8	4 92	5 23	5 54	5 85	6 16	6 46	1 67	1 83
9	5 54	5 88	6 23	6 58	6 92	7 27	1 88	2 6
10	6 15	6 54	6 92	7 31	7 69	8 8	2 8	2 29
11	6 77	7 19	7 62	8 4	8 46	8 88	2 29	2 52
12	7 38	7 85	8 31	8 77	9 23	9 69	2 50	2 75

TABLE OF WAGES PER MONTH AND BOARD PER WEEK.

No. of Days.	*Rate per month of 26 days.*						*Board per week, 6 days.*		
	$16	$17	$18	$19	$20	$21	Da.	13s.	14s.
13	8 0	8 50	9 0	9 50	10 0	10 50	1	0 27	0 29
14	8 62	9 15	9 69	10 23	10 77	11 31	2	0 54	0 58
15	9 23	9 81	10 38	10 96	11 54	12 12	3	0 81	0 88
16	9 85	10 46	11 8	11 69	12 31	12 92	4	1 8	1 17
17	10 46	11 12	11 77	12 42	13 08	13 73	5	1 35	1 46
18	11 8	11 77	12 46	13 15	13 85	14 54	6	1 63	1 75
19	11 69	12 42	13 15	13 88	14 62	15 35	7	1 90	2 4
20	12 31	13 8	13 85	14 62	15 38	16 15	8	2 17	2 33
21	12 92	13 73	14 54	15 35	16 16	16 96	9	2 44	2 63
22	13 54	14 38	15 23	16 8	16 92	17 77	10	2 71	2 92
23	14 15	15 4	15 92	16 81	17 69	18 58	11	2 98	3 21
24	14 77	15 69	16 62	17 54	18 46	19 38	12	3 25	3 50
25	15 38	16 35	17 31	18 27	19 23	20 19	13	3 52	3 79
26	16 0	17 0	18 0	19 0	20 0	21 0	14	3 79	4 8
27	16 62	17 65	18 69	19 73	20 77	21 81	15	4 6	4 38
28	17 23	18 31	19 38	20 46	21 54	22 62	16	4 33	4 67

TABLE OF DAYS.

EXPLANATION OF TABLE OF DAYS.

On the left you have the month, from any day of which to compute the number of days to the same day in any other month—For example, you wish to know how many days there are from the 20 of January to the 20 of August; by following the line January, till you are under the month of August, gives you the number of days 212, and so for other months.

TABLE,

Showing the number of days from any day in one month, to the same day in any other.

FROM	*Jan.*	*Feb.*	*March,*	*April,*	*May,*	*June,*	*July,*	*Aug.*	*Sept.*	*Oct.*	*Nov.*	*Dec.*
January,	365	31	59	90	120	151	181	212	243	273	304	334
February,	334	365	28	59	89	120	150	181	212	242	373	303
March,	306	337	365	31	61	92	122	153	184	214	245	375
April,	275	306	334	365	30	61	91	122	153	183	214	244
May,	245	276	304	335	365	31	61	92	123	153	184	214
June,	214	245	273	304	334	365	30	61	92	122	153	183
July,	184	215	243	274	304	335	365	31	62	92	123	153
August,	153	184	212	243	273	304	334	365	31	61	92	122
September,	122	153	181	212	242	273	304	334	365	30	61	91
October,	92	123	151	182	212	243	273	304	335	365	31	61
November,	61	92	120	151	181	212	242	273	304	334	365	30
December.	31	62	90	121	151	182	212	243	274	304	335	365

A list of the principal places on the Canals, in the State of New York, and their distances from each other as adopted by the Canal Board.

Names of Places.	Distance from.				
	Place to Place.	*Albany.*	*Utica.*	*Rochester.*	*Buffalo.*
Erie Canal.					
ALBANY,	0	0	110	269	364
Port Schuyler,	5	5	105	264	359
Gibbonsville,	1	6	104	263	358
West Troy,	1	7	103	262	357
Junction,	0	7	103	262	357
Cohoes,	3	10	100	259	354
Lower Aqueduct,	3	13	97	256	351
Willow-Spring,	6	19	91	250	345
Upper Aqueduct,	7	26	84	243	338
Schenectady,	4	30	80	239	334
Rotterdam,	9	39	71	230	325
Phillips' Locks,	5	44	66	225	320
Amsterdam,	3	47	63	222	317
Schoharie Creek,	5	52	58	217	312
Smithtown,	2	54	56	215	310
Fultonville,	3	57	53	212	307

Places and distances on the Canal.

Names of Places.	DISTANCE FROM.				
	Place to Place	Albany.	Utica.	Rochester.	Buffalo.
Big Nose,	7	64	46	205	300
Spraker's Basin,	2	66	44	203	298
Canajoharie,	3	69	41	200	295
Fort Plain,	3	72	38	197	292
Diendorf's Landing,	3	75	35	194	289
St. Johnsville,	2	77	33	192	287
East Canada Creek,	4	81	29	188	283
Indian Castle, (Nowandaga Creek,	2	83	27	186	281
Fink's Ferry,	3	86	24	183	278
Little Falls,	2	88	22	181	276
Rankin's Lock, No. 7.	3	91	19	178	273
Herkimer Lower Bridge,	4	95	15	174	269
Mohawk,	1	96	14	173	268
Fulmer's Creek,	1	97	13	172	267
Morgan's Landing,	1	98	12	171	266
Steel's Creek,	1	99	11	170	265
Frankfort,	2	101	9	168	263
Fergusons,	6	107	3	162	257
UTICA,	3	110	0	159	254

Places and distances on the Canal.

Names of Places.	DISTANCE FROM.				
	Place to Place.	*Albany.*	*Utica.*	*Rochester.*	*Buffalo.*
York Mills,	3	113	3	156	251
Whitesboro'	1	114	4	155	250
Oriskany,	3	117	7	152	247
ROME,	8	125	15	144	239
Wood Creek Aqueduct, Fort Bull,	2	127	17	142	237
Hawley's Basin,	2	129	19	140	235
Strong Creek,	1	130	20	139	234
New-London,	2	132	22	137	232
Higgin's,	4	136	26	133	228
Loomis',	2	138	28	131	226
Oneida Creek,	3	141	31	128	223
Canastota,	5	146	36	123	218
New Boston,	4	150	40	119	214
Chittenango,	3	153	43	116	211
Pool's Brook,	3	156	46	113	208
Kirkville,	2	158	48	111	206
Little Lake,	2	160	50	109	204
Manlius,	2	162	52	107	202
Limestone Feeder,	1	163	53	106	201

Places and distances on the Canal.

NAMES OF PLACES.	DISTANCE FROM.				
	Place to Place.	*Albany.*	*Utica.*	*Rochester.*	*Buffalo.*
Orville Feeder,	2	165	55	104	199
Lodi,	5	170	60	99	194
SYRACUSE,	1	171	61	98	193
Geddes,	2	173	63	96	191
Bellisle,	4	177	67	92	187
Nine Mile Creek,	1	178	68	91	186
Camillus,	1	179	69	90	185
Canton,	5	184	74	85	180
Peru,	2	186	76	83	178
Jordan,	4	190	80	79	174
Cold Spring,	1	191	81	78	173
Weed's Port,	5	196	86	73	168
Centre Port,	1	197	87	72	167
Port Byron,	2	199	89	70	165
MONTEZUMA,	6	205	95	64	159
Lockpit,	6	211	101	58	153
Clyde,	5	216	106	53	148
Lock Berlin,	5	221	111	48	143
LYONS,	4	225	115	44	139
Lockville,	6	231	121	38	133

Places and distances on the Canal.

NAMES OF PLACES.	DISTANCE FROM.				
	Place to Place	*Albany.*	*Utica.*	*Rochester.*	*Buffalo.*
Newark,	1	232	122	37	132
Port Gibson,	3	235	125	34	129
PALMYRA,	5	240	130	29	124
Mercedonville,	4	244	134	25	120
Wayneport,	3	247	137	22	117
Perrinton,	2	249	139	20	115
Perrinton Centre,	2	251	141	18	113
Fairport,	1	252	142	17	112
Fullam's Basin,	1	253	143	16	111
Bushnell's Basin,	3	256	146	13	108
Pittsford,	3	259	149	10	105
Billinghast's Basin,	4	263	153	6	101
Lock No. 3,	2	265	155	4	99
ROCHESTER,	4	269	159	0	95
Brockways,	10	279	169	10	85
Spencer's Basin,	2	281	171	12	83
Adams' Basin,	3	284	174	15	80
Cooley's Basin,	3	287	177	18	77
BROCKPORT,	2	289	179	20	75
Holley,	5	294	184	25	70

Places and distances on the Canal.

Names of Places.	DISTANCE FROM.				
	Place to Place.	*Albany.*	*Utica.*	*Rochester.*	*Buffalo.*
Hulberton, -	4	298	188	29	66
ALBION, - -	6	304	194	35	60
Gaines' Basin, -	2	306	196	37	58
Eagle Harbor, - -	1	307	197	38	57
Long Bridge, -	2	309	199	40	55
Knowlesville, - -	2	311	201	42	53
Road Culvert, -	1	312	202	43	52
Medina, - -	3	315	205	46	49
Shelby Basin, -	3	318	208	49	46
Middleport, - -	3	321	211	52	43
Reynolds' Basin, -	3	324	214	55	40
Gasport, - -	2	326	216	57	38
LOCKPORT, -	7	328	223	64	31
Pendleton, - -	7	335	230	71	24
Welch's, - -	2	342	232	73	22
H. Brockways, -	4	346	236	77	18
Tonnawanta, -	6	352	242	83	12
Lower Black Rock, -	8	360	250	91	4
Black Rock, -	1	361	251	92	3
BUFFALO. - -	3	364	254	95	0

98.90 chains over to Lake Erie—Big Buffalo Creek Harbor.

Champlain Canal.

Names of Places.	Distance from. Place to Place.	Albany.	Whitehall.
ALBANY, - -	0	0	78
West Troy, -	7	7	66
Junction, - -	0	7	66
WATERFORD, -	3	12	61
Mechanicsville, -	8	20	53
Stillwater Village, -	4	24	49
Bleeker's Basin, -	2	26	47
Wilbur's Basin, -	2	28	45
Van Deuzen's Landing,	5	33	40
Schuylerville, -	3	36	37
Saratoga Bridge, -	2	38	35
Fort Miller, -	3	41	32
Moses Kill, - -	3	44	29
Fort Edward, -	5	49	24
Glen's Falls Feeder, -	2	51	22
Baker's Basin, -	1	52	21
Smith's Basin, - -	5	57	16
Fort Ann, -	4	61	12
Comstock's Landing, -	4	65	8
WHITEHALL. -	8	73	0

Glen's Falls Feeder, (Champlain Canal,) 79 miles.

CHENANGO CANAL.

Names of Places.	Distance from Place to Place.	Distance from Utica.	Distance from Hamilton.	Distance from Oxford.	Distance from Bingh'pton.
UTICA,	0	0	30	60	97
Road leading from New Hartford to Whitesboro',	3	3	27	57	94
Clinton,	6	9	21	51	88
Deansville,	5	14	16	46	83
Oriskany Falls,	5	19	11	41	78
Sollsville,	3	22	8	38	75
Bouckville,	2	24	6	36	73
Peck's Basin,	2	26	4	34	71
HAMILTON,	4	30	0	30	67
Lebanon Factory,	2	32	2	28	65
Earlville,	4	36	6	24	61
Sherburne,	5	41	11	19	56
North Norwich,	4	45	15	15	52
Plasterville,	2	47	17	13	50
Norwich,	4	51	21	9	46
OXFORD,	9	60	30	0	37
Haynes' Mill,	10	70	40	10	27
Greene,	4	74	44	14	23
Forks,	8	82	52	22	15
Pond Brook,	2	84	54	24	13
Port Crane,	5	89	59	29	8
Crocker's Mills,	1	90	60	30	1
BINGHAMPTON.	7	97	67	37	0

OSWEGO CANAL.

Names of Places.	Distance from. Place to Place.	Syracuse.	Oswego.
SYRACUSE,	0	0	38
SALINA,	2	2	36
Liverpool,	3	5	33
Mud Lock,	2	7	31
Cold Spring,	1	8	30
New Bridge,	5	13	25
Three River Point,	2	15	23
Phœnix,	2	17	21
Sweet's Lock,	3	20	18
Ox Creek,	3	23	15
Fulton,	4	27	11
Braddock's Rapid,	4	31	7
Tiffang's Landing,	4	35	3
High Dam,	1	36	2
OSWEGO.	2	38	0

CAYUGA AND SENECA CANAL.

NAMES OF PLACES.	DISTANCE FROM. Place to Place.	*Montezuma.*	*Geneva.*
MONTEZUMA,	0	0	31
Seneca River,	5	5	16
S. Dermont's,	2	7	14
Seneca Falls,	3	10	11
Chamberlin's Mills,	2	12	9
Waterloo,	2	14	7
Teals,	5	9	2
GENEVA,	2	21	0
Lateral to East Cayuga village, 2 miles.	2		
Total,	23 miles.		

CHEMUNG CANAL.

NAMES OF PLACES.	DISTANCE FROM. Place to Place.	*Sen'a Lake.*	*Elmira.*	*Knoxville.*
Seneca Lake,	0	0	23	33
HAVANA,	4	4	19	29
Mill Port,	6	10	13	23
FAIR PORT,	7	17	6	16
Elmira,	6	23	0	22
Knoxville,	22	33	22	0

FEEDER CHEMUNG CANAL.

Names of Places.	DISTANCE FROM. Place to Place.	Sen'a Lake.	Elmira.	Knoxville.
FAIR PORT,	0	17	6	1
Miller's Basin,	7	24	13	
Dam at head of Feeder,	7	31	20	9
Knoxville,	2	33	22	0
Canal from Lake to Elmira,		23		
Feeder,		16		
Total,		39	miles.	

CROOKED LAKE CANAL.

Names of Places.	DISTANCE FROM. Place to Place.	Sen'a Lake.	Crok'd Lake
DRESDEN,	0	0	8
Mallory's,	3	3	5
Andrews & Ways,	2	5	3
PENN YAN,	2	7	1
Crooked Lake,	1	8	0

GENESSEE VALLEY CANAL.

NAMES OF PLACES.	DISTANCE FROM.			
	Place to Place.	Rochester.	M't. Morris.	Dansville.
ROCHESTER,	0	0	37	52
Lock No. 1, junction with Genessee river,	2	2	35	50
Jones's Basin,	6	8	29	44
SCOTTSVILLE,	4	12	25	40
Avon Road, (Caledonia,)	8	20	17	32
Sacket's Basin,	2	22	15	30
Fowlerville Road,	2	24	13	28
Barclay's Mill,	2	26	11	26
Paffardinia,	3	29	8	23
Spencer's Basin,	1	30	7	22
Tracy's Basin,	2	32	5	20
Cuyler,	1	33	4	19
Leicester,	1	34	3	18
Genessee Dam, (near Mount Morris,)	2	36	1	16
MOUNT MORRIS,	1	37	0	15
Shaker Settlement, (Junction,)	4	41	4	11
Fitzhugh's Basin,	2	43	6	9
Keyserville,	1	44	7	8
Rock Spring,	2	46	9	6
Sherwood's Landing,	1	47	10	5
Steam Saw Mill,	1	48	11	4
McNair's Landing,	1	49	12	3
Woodville,	1	50	13	2
Comminsville,	1	51	14	1
DANSVILLE,	1	52	15	0

Places and distances on the Ohio Canal from Cleveland.

Names of Places.	Distance from Place to Place.	Distance from Cleveland.	Distance from Portsmouth.
Beston,	0	21	288
Old Portage,	11	32	277
Akron,	6	38	271
New Portage,	6	44	265
Clinton,	8	52	257
Fulton,	4	56	253
Massilon,	9	65	244
Bethlehem,	6	71	238
Bolivar,	9	80	229
Zoar,	3	83	226
Dover,	10	93	216
Lockport,	4	97	212
Trenton,	6	103	206
Eastport,	4	107	202
Port Washington,	5	112	197
New Comerstown,	6	118	191
Roscoe,	17	135	174
Webbsport,	14	149	160
Dresden,	2	151	158
Zanesville Nashport,	6	157	148
Zanesville,	10	167	142
Newark,	9	176	133
Walholding, Cavallo,	..		
Hebron,	9	185	124

Places and distances on the Ohio Canal from Cleveland

Names of Places.	DISTANCE FROM.		
	Place to Place.	*Cleveland.*	*Portsmouth.*
Granville,	2	187	122
Millersport,	4	191	118
Baltimore,	5	196	113
Carroll,	8	204	105
Lancaster,	10	214	95
Columbus,	18	232	77
Circleville,	4	236	73
Chillicothe,	18	258	51
Waverly,	20	278	31
Portsmouth,	31	309	0

The above list taken from a printed one for transportation.

TABLE OF SIMPLE INTEREST—AT 7 PER CENT.
Calculated in Dollars, Cents and Mill's.

Principal.		1 week. d. c. m.	1 month d. c. m.	3 months. d. c. m.	6 months. d. c. m.	1 year. d. c. m.
Cents.	60	0 0 1	0 0 3	0 1 0	0 2 1	0 4 2
	70	0 0 1	0 0 4	0 1 2	0 2 4	0 4 9
	80	0 0 1	0 0 5	0 1 4	0 2 8	0 5 6
	90	0 0 1	0 0 5	0 1 6	0 3 1	0 6 3
Dolls.	1	0 0 1	0 0 6	0 1 7	0 3 5	0 7 0
	2	0 0 3	0 1 2	0 3 5	0 7 0	0 14 0
	3	0 0 4	0 1 7	0 5 2	0 10 5	0 21 0
	4	0 0 5	0 2 3	0 7 0	0 14 0	0 28 0
	5	0 0 7	0 2 9	0 8 7	0 17 5	0 35 0
	6	0 0 8	0 3 5	0 10 5	0 21 0	0 42 0
	7	0 0 9	0 4 1	0 12 2	0 24 5	0 49 0
	8	0 1 1	0 4 7	0 14 0	0 28 0	0 56 0
	9	0 1 2	0 5 2	0 15 7	0 31 5	0 63 0
	10	0 1 3	0 5 8	0 17 5	0 35 0	0 70 0
	20	0 2 7	0 11 7	0 35 0	0 70 0	1 40 0
	30	0 4 0	0 17 5	0 52 5	1 5 0	2 10 0
	40	0 5 4	0 23 3	0 70 0	1 40 0	2 80 0
	50	0 6 7	0 26 2	0 87 5	1 75 0	3 50 0
	60	0 8 1	0 35 0	1 5 0	2 10 0	4 20 0
	70	0 9 4	0 40 8	1 22 5	2 45 0	4 90 0
	80	0 10 8	0 46 1	1 40 0	2 80 0	5 60 0
	90	0 12 1	0 52 5	1 57 5	3 15 0	6 30 0
	100	0 13 5	0 58 3	1 75 0	3 50 0	7 0 0
	200	0 26 9	1 16 7	3 50 0	7 0 0	14 0 0
	300	0 40 4	1 75 0	5 25 0	10 50 0	21 0 0
	400	0 53 8	2 33 3	7 0 0	14 0 0	28 0 0
	500	0 67 3	2 91 7	8 75 0	17 50 0	35 0 0
	600	0 80 7	3 50 0	10 50 0	21 0 0	42 0 0
	700	0 94 2	4 8 3	12 25 0	24 50 0	49 0 0
	800	1 7 7	4 66 7	14 0 0	28 0 0	56 0 0
	900	1 21 2	5 41 7	16 25 0	32 50 0	63 0 0
	1000	1 34 6	5 83 3	17 50 0	35 0 0	70 0 0